

Amendments to the Specification:

Paragraph, page 3 lines 35 – 36, page 4 lines 1 – 7:

The overall process can be described in accordance with Figure 1. Initially, each legal packet class is provided with a 1-bit injection flag, with each value thereof being sent to 0 (10). Next, a packet is randomly generated (12). The state of the injection flag of the packet class of the generated packet is noted (14). If the state of the injection flag is 0, the test is run (16), and the injection flag of ~~bad~~ that packet class is set to 1 (18). If the state of the injection flag is 1, a test is not run, the generated packet is discarded, another packet is randomly generated, and the procedure subsequent thereto as described above is repeated. The process is continued until all such injection flags have been set to 1. When all the injection flags have been set to 1 (20), the simulation is ended (22).